

City of Columbia

701 East Broadway, Columbia, Missouri 65201



Agenda Item Number: B 54-15

Department Source: Water & Light

To: City Council

From: City Manager & Staff

Council Meeting Date: 3/2/2015

Re: Public Hearing - Texas Avenue Water Main Replacement

Documents Included With This Agenda Item

Council memo, Resolution/Ordinance

Supporting documentation includes: Diagrams (construction, route, etc.)

Executive Summary

Staff has prepared for Council consideration a resolution setting a public hearing for March 16, 2015 concerning the replacement of aging water distribution infrastructure along Texas Avenue from Garth Avenue to Creasy Springs Road. The estimated cost for this improvement is \$950,000 and funding has been appropriated under project WT0245 of the Capital Improvement Program. Staff conducted an interested parties meeting for this project on January 27, 2015.

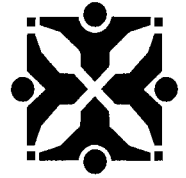
Discussion

The Columbia Water and Light Department has identified the need to replace aging water distribution infrastructure on Texas Avenue from Garth Avenue to Creasy Springs Road in conjunction with the Public Works Department's 2015 street mill and overlay program. This project will replace an existing 6" cast iron main on Texas Avenue from Creasy springs Road to Garth Avenue. This water main is approaching the end of its useful life and the high frequency of leaks and water main breaks necessitate replacement of the main. The existing 6" cast iron main will be replaced with new 8" and 12" PVC pipe. The upgraded main will increase water flows to the area for consumer and fire protection needs as well as increase the maintainability and dependability of the area's water distribution infrastructure. This project, in conjunction with the proposed 16" water main crossing of Interstate 70 at Parkade Boulevard, will increase water distribution reliability.

The current design for this project will utilize existing street right of way for replacement of the water main within the street pavement along the south edge of Texas Avenue. Connections with existing water mains will be extended outward with new materials in order to minimize future work required within Texas Avenue right of way. All customer service lines will be transferred to the new main to allow for the abandonment of the older mains and decrease the amount of maintenance needed in the area. This improvement is intended to precede plans by the Public Works Department to overlay Texas Avenue as part of their 2015 street mill and overlay program. Because the new main will be constructed within existing street right of way, no additional easements will be necessary for the completion of this project.

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Upon City Council approval for this water main replacement project, final plans and specifications will be prepared and issued to city forces for construction.

Fiscal Impact

Short-Term Impact: Funding of \$950,000 for this project has been appropriated under the Capital Improvement Program project number WT0245 for the Texas Avenue Main Replacement.

Long-Term Impact: None

Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Development

Strategic Plan Impact: Infrastructure

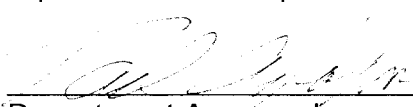
Comprehensive Plan Impact: Infrastructure

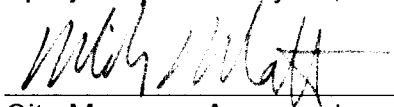
Suggested Council Action

Staff recommends Council approve the resolution setting the Public Hearing. Following input at the public hearing and after council consideration, approve the ordinance authorizing staff to proceed with the preparation of final plans for the water main replacement and issuance for construction.

Legislative History

A public interested parties meeting was held for this project on January 27, 2015.


Department Approved


City Manager Approved

Introduced by _____

First Reading _____

Second Reading _____

Ordinance No. _____

Council Bill No. B 54-15

AN ORDINANCE

declaring it is in the public interest to proceed with the replacement and upgrade of a water main along Texas Avenue, between Garth Avenue and Creasy Springs Road; approving the plans and specifications; determining that the work shall be done by City employees; providing for payment for the improvement; and fixing the time when this ordinance shall become effective.

WHEREAS, the City Council has adopted a resolution declaring the necessity for the replacement and upgrade of a water main along Texas Avenue, between Garth Avenue and Creasy Springs Road, and setting a public hearing on this project; and

WHEREAS, the notice of a public hearing on this project was published in a daily newspaper of general circulation in the city; and

WHEREAS, the public hearing on the project has been held.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The Council finds and determines that the replacement of a 6-inch cast iron water main with 8-inch and 12-inch PVC pipe along Texas Avenue, between Garth Avenue and Creasy Springs Road, is necessary for the welfare and improvement of the City and that it is in the public interest that such improvement be made.

SECTION 2. The plans and specifications for this improvement, as prepared by the Director of the Water and Light Department, are hereby approved, adopted and made a part of this ordinance.

SECTION 3. As deemed advisable by the City Manager, city employees shall be used to construct the improvements.

SECTION 4. Payment for this improvement shall be made from the Water and Electric Fund using funds appropriated in Capital Improvement Project No. WT0245, and such other funds as may be lawfully appropriated.

SECTION 5. This ordinance shall be in full force and effect from and after its passage.

PASSED this _____ day of _____, 2015.

ATTEST:

City Clerk

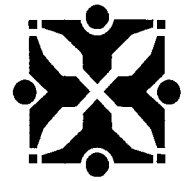
Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor

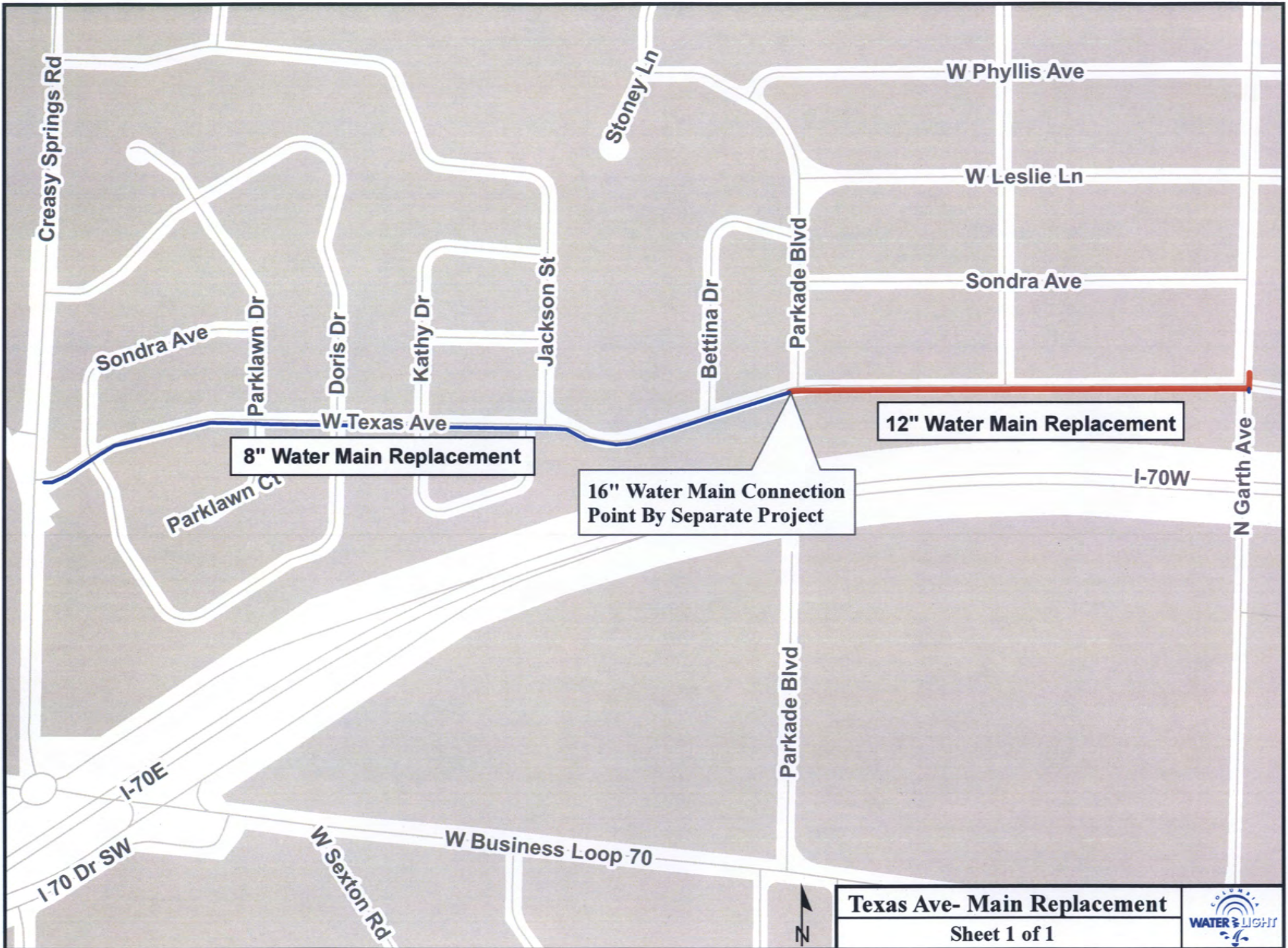
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**SUPPORTING DOCUMENTS INCLUDED WITH
THIS AGENDA ITEM ARE AS FOLLOWS:**

Diagrams (construction, route, etc.)



Texas Ave- Main Replacement

Sheet 1 of 1

